Please amend the specification as follows:

Page 1, after the title of the invention, insert the following paragraph:

The present application is a divisional of U.S. Application serial number 09/789,699, filed February 22, 2001, the entire contents of which are incorporated herein by reference.

On page 10, 3rd full paragraph (lines 13-19):

Also in the second light receiving optical system 50, by the optical system similar to that shown in FIG. 2, the luminous flux is separated by the dichroic mirror 45 into luminous flux of first wave length λ 1 via the Neutral Density (ND) [ND] filter arranged movably in a direction of arrow (a vertical direction in FIG. 2). A second light receiving section 42 (as shown in FIG. 11) receives scattered light of first wave length λ 1 received by the second light receiving optical system 50 to convert it into a second light receiving signal.

On page 10, 4th full paragraph (lines 20-21):

Preferably, the first light receiving section 41 and the second light receiving [system42] section 42 (as shown in FIG. 11) are light receiving elements such as a photomultiplier.

On page 11, 6th full paragraph (lines 24-28):

Further, the control operation section 120 controls the rotation motor of the rotation displacement section 61 and the [slid] slide movement section of the straight-line displacement section 62, or controls a sensitivity switching section 150

of the first light receiving section 41 and the second light receiving section 42 (as shown in FIG. 11).

On page 12, 1st full paragraph (lines 1-6):

The sensitivity switching section 150 carries out sensitivity switching by moving the ND filter 200 in a direction of arrow in FIG. 2, and inserting the ND filter 200 into the light receiving windows of the first light receiving section 41 and the second light receiving section 42 (as shown in FIG. 11) to lower the sensitivity, or moving the ND filter 200 away from the light receiving window to raise the sensitivity.

On page 12, 2nd full paragraph (lines 7-9):

When the first light receiving section 41 and the second light receiving section 42 (as shown in FIG. 11) are formed from a photomultiplier, the sensitivity can be also switched by regulating a voltage applied thereto.

On page 21, 5th full paragraph (lines 21-25):

Further, the control operation section 120 controls a rotation motor of the rotation displacement section 61 and the [slid] slide movement section of the straight-line displacement section 62, or controls a sensitivity switching section 150 of the first light receiving section 41 and the second light receiving section 42.

On page 23, 2nd full paragraph (lines 14-18) :

The systems having magnification different from each other are subjected to calibration by Polystyrene latex (PSL) [PSL] particles adjusting to the respective sensitivities. At that time, one or more at minimum calibration with the same particles is (are) adjusted between the systems different from each other.